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#4  
REISSUE

Attorney Docket No. 72854

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: James Egbert  
Application No.: 10/057,640  
Title: METHOD AND APPARATUS FOR  
MACHINING HOLES IN CRANKSHAFTS  
Filed: January 25, 2002  
Group  
Art Unit: 3722  
Examiner: N/A

CERTIFICATE OF MAILING

I hereby certify that this paper is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231, on this date.

7/18/02 *St. J. Smith*  
Date Registration No. 36,798  
Attorney for Applicants

DECLARATION

BOX REISSUE  
Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

I, James Egbert, hereby declare that:

1. My residence, post office address and citizenship are as stated below next to my name.
2. I verily believe myself to be the original, first inventor of the subject matter which is claimed in the present application for which we solicit a reissue patent on the invention entitled, "METHOD AND APPARATUS FOR MACHINING HOLES IN CRANKSHAFTS."
3. I have reviewed and understand the content of the Specification, including the claims in the present application.

4. The entire title of U.S. Letters Patent No. 5,759,140, entitled "METHOD AND APPARATUS FOR MACHINING HOLES IN CRANKSHAFTS" (the '140 patent) which issued June 2, 1998, is vested in Ingersoll CM Systems, Inc.

5. I acknowledge the duty to disclose information which is material to the examination of the present application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

6. There is no foreign application for patent or inventor's certificate on this invention filed by me or my legal representatives or assigns having a filing date before that of any application on which priority is claimed.

7. I believe the aforesaid Letters Patent 5,759,140 to be wholly or partly inoperative by reason of my claiming less than I had a right to claim in the patent. More specifically, I believe that:

(a) Independent Claim 1 recites a "rotational means" on the frame and the invention more broadly encompasses a support and associated drive for rotating the crankshaft about its rotational axis, and

(b) Independent Claim 1 recites "tilt means on the frame mounting the crankshaft to tilt the crankshaft at various angles to the plunging axis" and the invention more broadly encompasses a support and associated drive to shift the crankshaft relative to the plunging axis.

8. The above errors arose without any deceptive intention on my part.

REISSUE PATENT

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9. The specification, drawings and original claims remain unchanged from the '140 patent.

10. All statements made herein of my own knowledge are true and all statements made on information and belief are believed to be true; and further, these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Date: 03 APRIL 2002 By: \_\_\_\_\_

  
James Egbert



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7/8/02 St. J. Stanek  
Date Registration No. 36,798  
Attorney for Applicants

ASSENT OF ASSIGNEE TO REISSUE

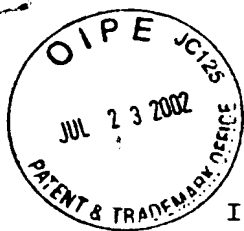
INGERSOLL CM SYSTEMS, INC., the assignee of the entire title and interest in United States Patent No. 5,759,140, by reason of an assignment from the inventors recorded in the United States Patent and Trademark Office on April 19, 1995 at Reel 7442, Frame 0154, hereby assents to the filing of the above-captioned application for reissue of said U.S. Patent No. 5,759,140. A Certification Under 37 C.F.R. §3.73(B) accompanies this Assent.

INGERSOLL CM SYSTEMS, INC.

Dated: 04.16.02

By: Bramwell W. Bone  
Bramwell W. Bone

Title: President



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I hereby certify that this paper is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231, on this date.

7/24/02 *[Signature]*  
Date Registration No. 36,798  
Attorney for Applicants

CERTIFICATE UNDER 37 C.F.R. §3.73(B)

BOX REISSUE  
Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

This Certificate is being filed in connection with the above-captioned continuation application filed under cover herewith, of application 08/425,943 filed April 19, 1995, now U.S. Patent No. 5,759,140. The reissue filed concurrently herewith is called "the present application" herein.

Ingersoll CM Systems, Inc., a corporation, certifies that it is the assignee of the entire right, title and interest in the present application by virtue of:

A chain of title from the inventor, of the present patent application, to the current assignee as shown below:

From James Egbert to Ingersoll CM Systems, Inc. The document was recorded in the Patent and Trademark Office at Reel 7442, Frame 0154 on April 19, 1995.

A copy of the Assignment in the chain of title is attached.

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The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of the Assignee identified above.

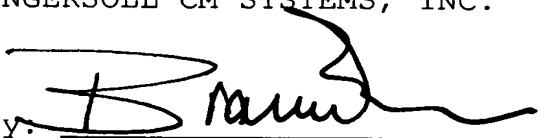
I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

INGERSOLL CM SYSTEMS, INC.

Date:

04/16/02

By:



Bramwell W. Bone

Title:

President